

PTO/SB/08a (06-03)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/676527
Filing Date	October 1, 2003
First Named Inventor	J. Todd Wagner
Art Unit	3616
Examiner Name	
Attorney Docket Number	5115-0009-1-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DB		US- RE 34151	12-29-1992	Murakami	
DB		US- 2162067	06-13-1939	Dreyer	
DB		US- 2355274	08-08-1944	Castiglia	
DB		US- 2776147	01-01-1957	Bamford	
DB		US- 2816616	09-11-1953	Hill	
DB		US- 3820812	06-28-1974	Stubbs	
DB		US- 3871467	03-18-1975	Senft	
DB		US- 3891232	06-24-1975	Flemming	
DB		US- 4143887	03-13-1979	Williams	
DB		US- 4269432	05-26-1981	Inoue	
DB		US- 4334693	06-15-1982	Huber	
DB		US- 4406479	09-27-1983	Chalmers	
DB		US- 4433857	02-28-1984	Zwalve	
DB		US- 4456282	06-26-1984	Rumpel	
DB		US- 4573702	03-04-1986	Klem	
DB		US- 4589678	05-20-1986	Lund	
DB		US- 4589830	05-20-1986	Clawson	
DB		US- 4616847	10-14-1986	Kanai	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number * Kind Code ² (if known)				
DB		DE 39 24 828	2-1990	Bufler		
DB		EP 0 893 288 A1	01-27-1999	Krizek		
DB		EP 0 827 851 A1	03-11-1998	De Giacomi		
DB		JP 58-218408	12-19-1983	Koide		
DB		JP 05-254320	10-05-1993	Maeda		

Examiner Signature		Date Considered	9/12/05
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		Application Number	10/676527
		Filing Date	October 1, 2003
		First Named Inventor	J. Todd Wagner
		Art Unit	3616
		Examiner Name	
Sheet 2 of 5	Attorney Docket Number	5115-0009-1-1	

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		Number-Kind Code ² (if known)			
DB		US- 4709935	12-01-1987	Takizawa	
DB		US- 4753455	06-28-1988	Murakami	
DB		US- 4765647	08-23-1988	Kondo	
DB		US- 4802688	02-07-1989	Murakami	
DB		US- 4810002	03-07-1989	Kakimoto	
DB		US- 4815755	03-28-1989	Takata	
DB		US- 4854603	08-08-1989	Scaduto	
DB		US- 4865347	09-12-1989	Fukushima	
DB		US- 4875703	10-24-1989	Murakami	
DB		US- 4883287	11-28-1989	Murakami	
DB		US- 4927169	05-22-1990	Scaduto	
DB		US- 4934729	06-19-1990	Murata	
DB		US- 4948164	08-14-1990	Hano	
DB		US- 5016904	05-21-1991	Weber	
DB		US- 5074582	12-24-1991	Parsons	
DB		US- 5098116	03-24-1992	Edahiro	
DB		US- 5114177	05-19-1992	Fukunaga	
DB		US- 5193843	03-16-1993	Yamamoto	

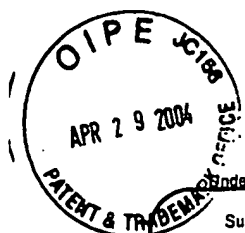
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
DB		JP 7-89312	04-04-1995	Sato		
DB		JP 06-278427	10-04-1994	Ogiso		
DB		JP 06-278429	10-04-1994	Kami		
DB		JP 10-181321	07-07-1998	Kawagoe		
DB		JP 54-153422	12-03-1979	Inoue		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3

of 5

Complete if Known

Application Number	10/676527
Filing Date	October 1, 2003
First Named Inventor	J. Todd Wagner
Art Unit	3616
Examiner Name	
Attorney Docket Number	5115-0009-1-1

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		Number-Kind Code ² (if known)			
DB		US- 5284353	02-08-1994	Shinji	
DB		US- 5348334	09-20-1994	Giltinan	
DB		US- 5388855	02-14-1995	Yamamoto	
DB		US- 5415427	05-16-1995	Sommerer	
DB		US- 5421606	06-06-1995	Chun	
DB		US- 5498019	03-12-1996	Adato	
DB		US- 5507510	04-16-1996	Kami	
DB		US- 5758898	06-02-1998	Gordon	
DB		US- 5821434	10-13-1998	Halliday	
DB		US- 6173978	01-16-2001	Wagner	
DB		US- 6305700	10-23-2001	Bruehl	
DB		US- 6467783	10-22-2002	Blondelet	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
DB		JP 54-183818	06-19-1953	Inoue		
DB		JP S58-48366	05-24-1978	Inoue		
DB		JP S62-22404	06-08-1962			
DB		JP 59-87305	06-13-1984			
DB		JP 61-176006	11-01-1986			

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		Filing Date	October 1, 2003		
		First Named Inventor	J. Todd Wagner		
		Art Unit	3616		
		Examiner Name			
Sheet	4	of	5	Attorney Docket Number	5115-0009-1-1

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		US-			
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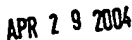
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
DB		JP 10-151926	06-09-1998	Orimoto		
DR		JP 59-23706	02-07-1984			

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Sheet

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of

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Application Number

Complete if Known

10/676527

Filing Date

October 1, 2003

First Named Inventor

J. Todd Wagner

Art Unit

3616

Examiner Name

Attorney Docket Number

5115-0009-1-1

NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
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Date
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